

SECRET 552250

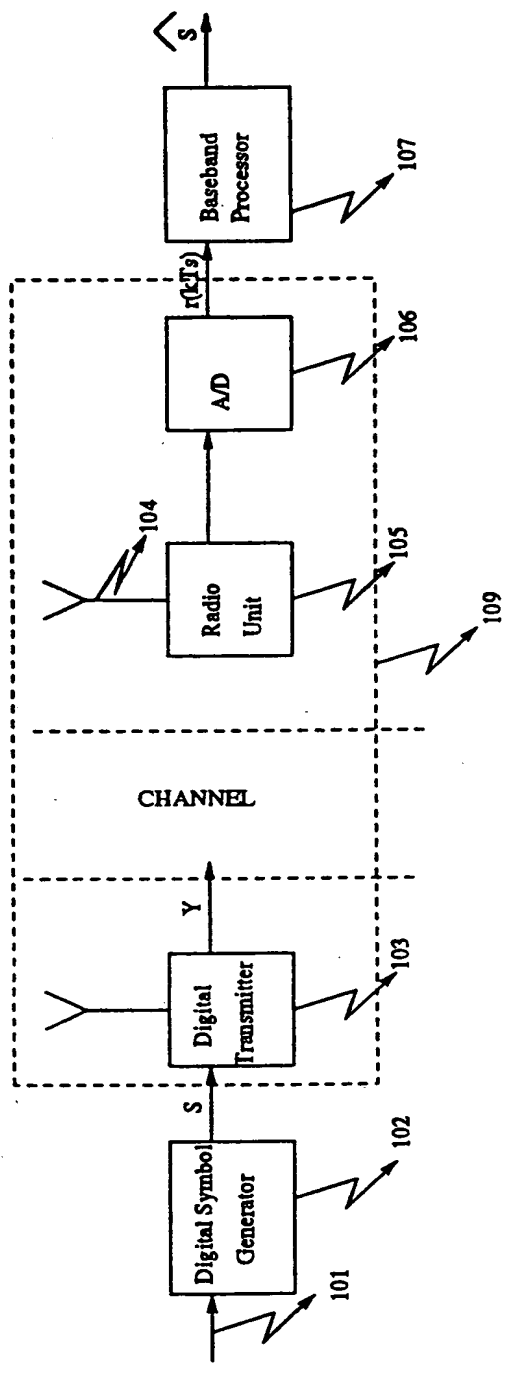


Figure 1

65340 93400

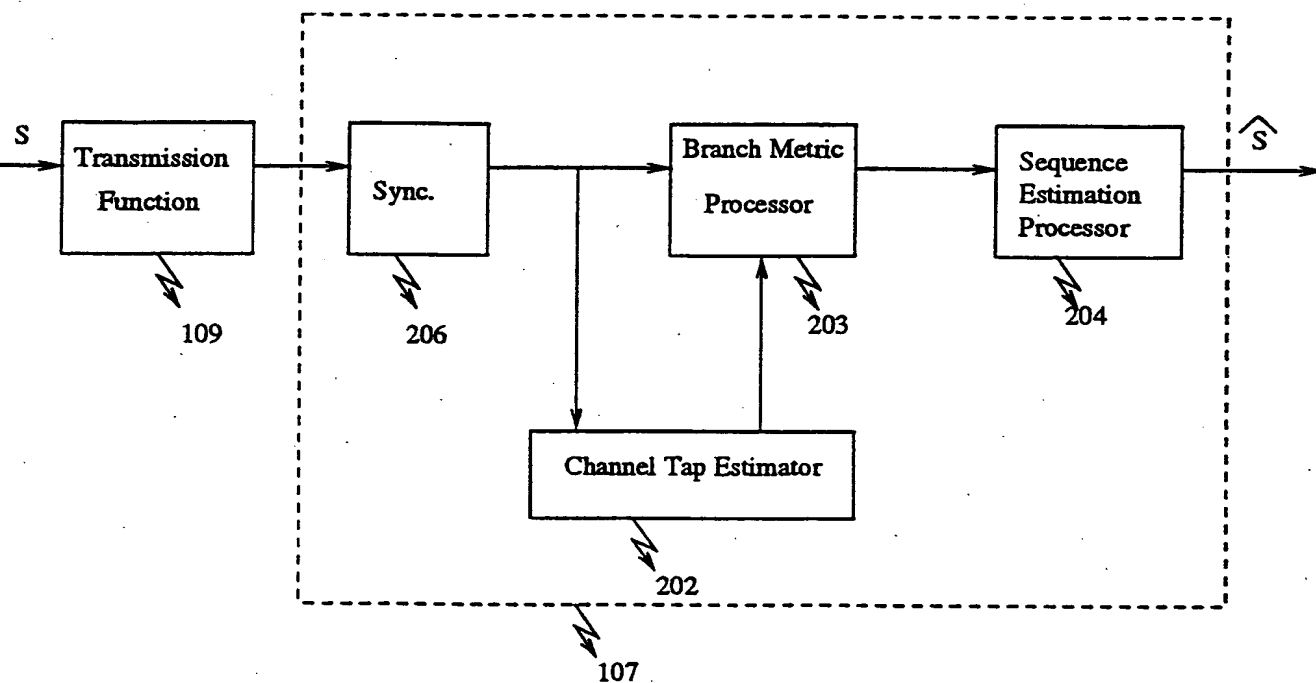


Figure 2

```

graph LR
    S((S)) --> DT[Digital Transmitter]
    DT -- Y --> RC[Radio Channel]
    RC --> Sum((+))
    n((n)) --> Sum
    Sum --> RU[Radio Unit]
    RU --> AD[A/D]
    AD -- "r(kTs)" --> Out(( ))
    subgraph SystemBox [ ]
        DT
        RC
        Sum
        RU
        AD
    end
    DT -.-> 103
    RC -.-> 301
    Sum -.-> 109
    RU -.-> 105
    AD -.-> 106

```

Figure 3

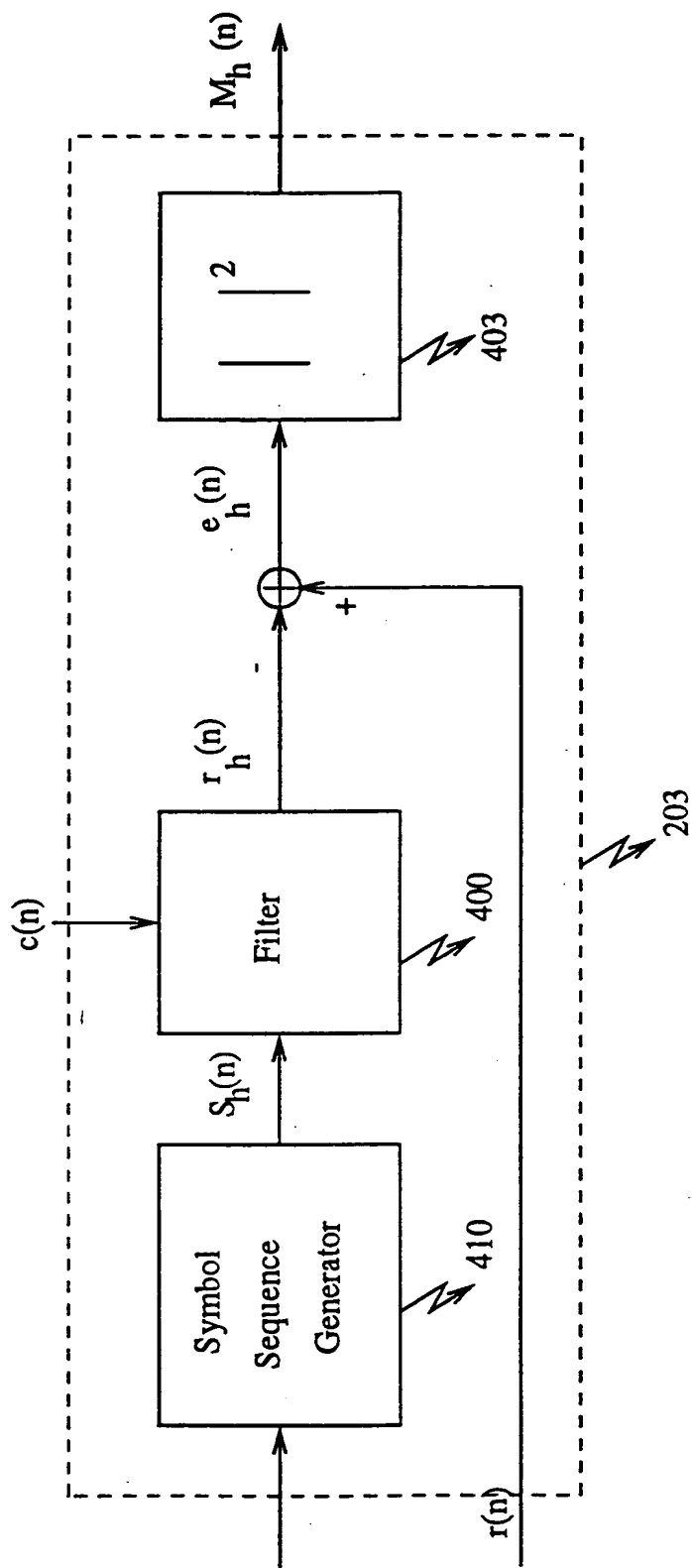


Figure 4

009210 4522260

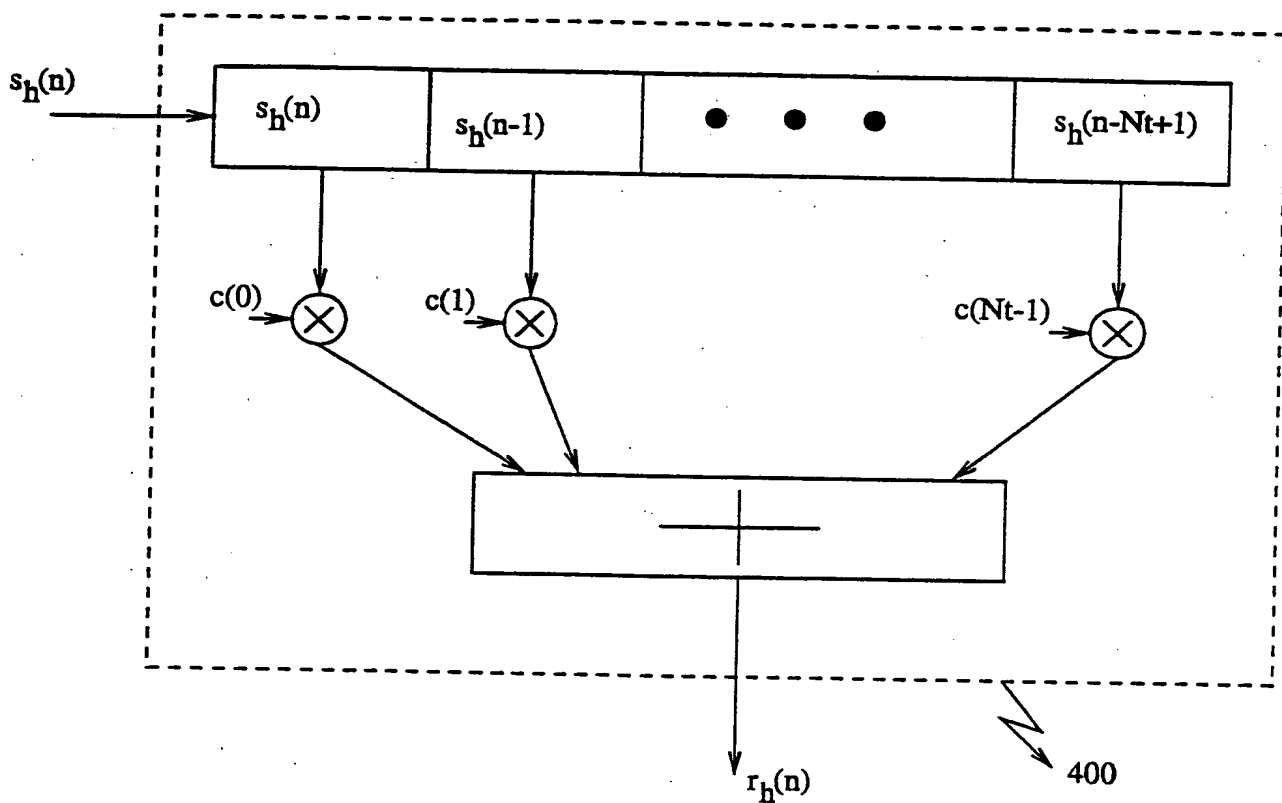


Figure 5 (PRIOR ART)

$S_h \backslash c(n)$	$c(0)B(1)$	$c(1)B(1)$	\bullet	\bullet	\bullet	$c(Nt-1)B(1)$
$c(0)B(2)$	$c(1)B(2)$	\bullet	\bullet	\bullet	$c(Nt-1)B(2)$	
			\bullet	\bullet	\bullet	
$c(0)B(M)$	$c(1)B(M)$	\bullet	\bullet	\bullet	$c(Nt-1)B(M)$	

Figure 6

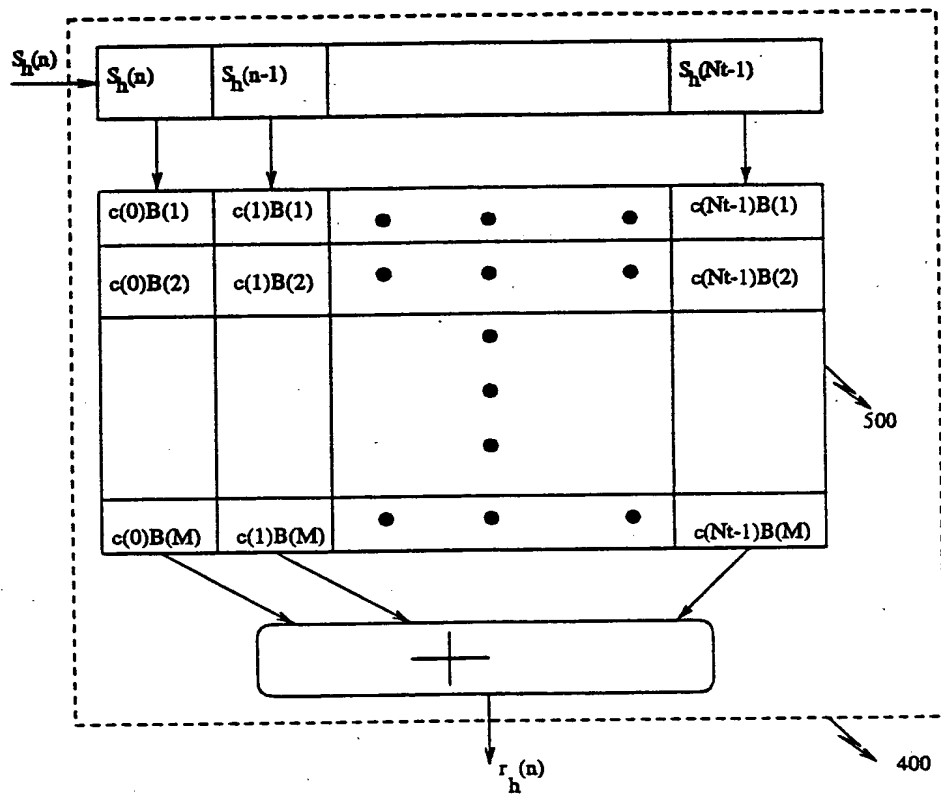


Figure 7

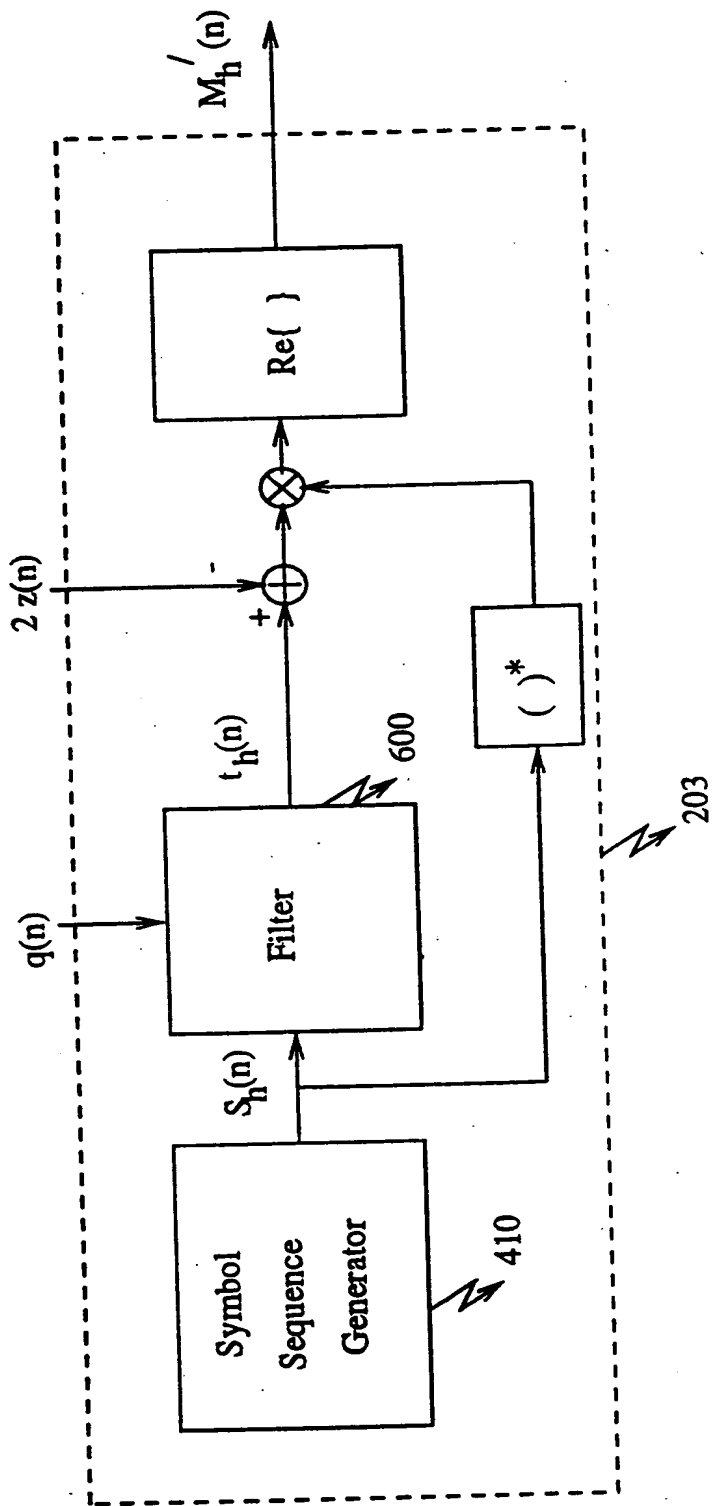


Figure 8

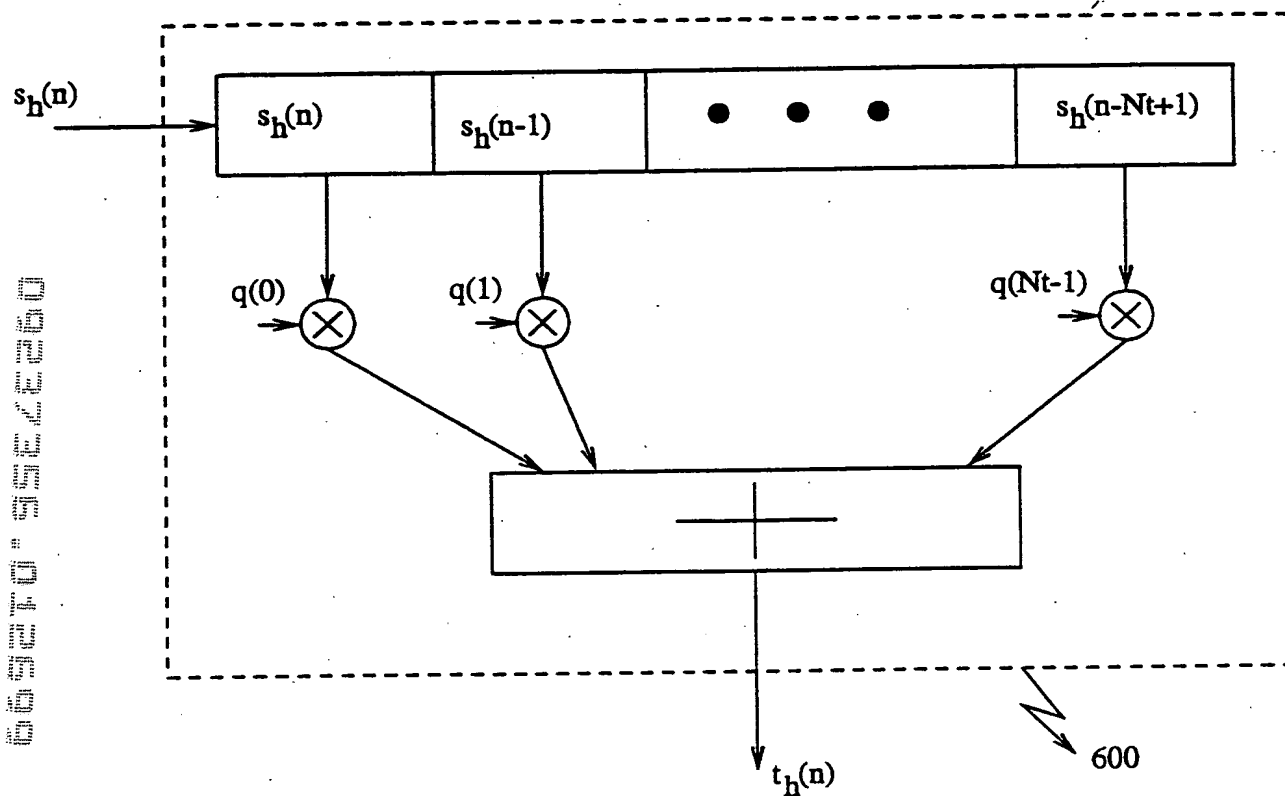


Figure 9. (PRIOR ART)

550

S_h	$c(n)$			
	$q(0)B(1)$	$q(1)B(1)$	• • •	$q(Nt-1)B(1)$
	$q(0)B(2)$	$q(1)B(2)$	• • •	$q(Nt-1)B(2)$
			• • •	
	$q(0)B(M)$	$q(1)B(M)$	• • •	$q(Nt-1)B(M)$

Figure 10

009270-99E2E260

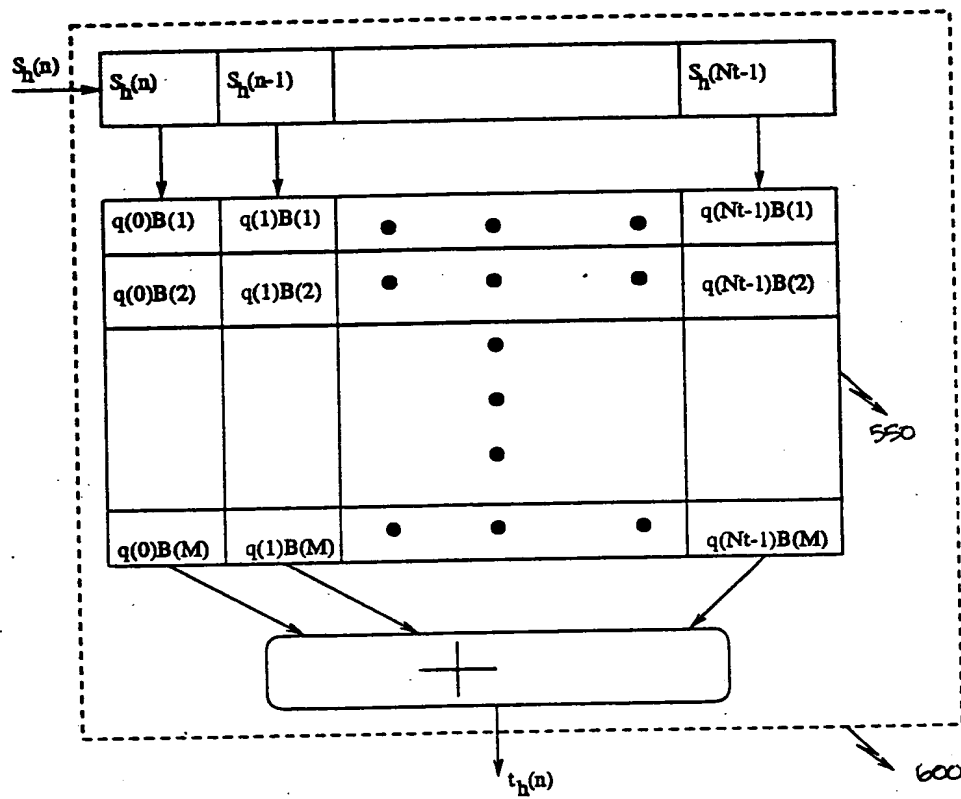


Figure 11